

12/03/01

JC944 U.S. PRO

**UTILITY**  
**PATENT APPLICATION**  
**TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 5718-119 (5718-241421)

First Inventor or Application Identifier: Sewalt

Title of Invention: COMPOSITIONS AND METHODS FOR ALTERING THE DISULFIDE STATUS OF PROTEINS

Express Mail Label No. EL 868638380 US

OLD \$ 0.11011

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12/03/01

**ADDRESS TO: U.S. PATENT AND TRADEMARK OFFICE**  
**P.O. BOX 2327**  
**ARLINGTON, VA 22202**

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: Vincent Sewalt; Craig Hastings; Robert Meeley; Sabine Susanne Hantke; Rudolf Jung; Keith Roesler; John D. Everard; Stephen M. Allen

Assignee of this invention is Pioneer Hi-Bred International, Inc.

1. ☒ The Filing Fee has been calculated as shown below:
2. ☐ Applicant claims Small Entity Status. See 37 CFR 1.27.

	No. Filed	No. Extra	Small Entity Rate Fee 0	Large Entity Rate Fee
BASIC FEE			\$0	\$740.00
TOTAL CLAIMS:	61 - 20 =	41	X 9 = \$0	x 18 = \$738.00
INDEP CLAIMS:	10 - 3 =	7	X 42 = \$0	x 84 = \$588.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+140 = \$	+280 = \$
*If the difference in Column 1 is less than zero, enter "0" in Column 2.			TOTAL \$	TOTAL \$2,066.00

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. 16-0605.

- a. ☒ Fees required under 37 CFR 1.16 (National filing fees).
- b. ☒ Fees required under 37 CFR 1.17 (National application processing fees).
- ☒ A check in the amount of \$ 2,066.00 for the filing fee is enclosed.
- ☐ The above filing fee will be paid along with Applicant(s) Response to the Notice to File Missing Parts.
3. ☒ Specification; Total Pages 70
4. ☒ 3 Sheets of Formal Drawing(s) (35 USC 113)
5. ☐ Declaration and Power of Attorney; [Total Pages     ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM ☒ CD-R in duplicate, large table or Computer Readable Form (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, an necessary)
- a. ☒ Computer Readable Copy (CRF)
- b. ☐ Request for Transfer of Computer Readable Form of Sequence Listing under 37 CFR § 1.821(e) and MPEP 2422.05 (must be compliant with new rules)
- c. ☒ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☒ Paper ( 26 Pages)
- d. ☒ Statement verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee); ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449;      Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Foreign Priority is claimed as      Application No.     , filed
16. ☒ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB35 or its equivalent.
17. ☐ Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.
18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
- ☐ Continuation ☐ Divisional ☐ Continuation in Part (CIP)
- of prior Application No:     ; Filed

Prior Application Information: Examiner     

Group/Art Unit:     

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

**CUSTOMER NUMBER 00826**

Signature: W. Murray Spruill

Attorney/Agent of Record: W. Murray Spruill

Attorney/Agent Registration No. 32,943

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Date of Deposit December 3, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner For Patents, Washington, DC 20231.

Lynda Jo Pixley  
Lynda Jo Pixley

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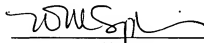
<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	Sewalt
	Title	COMPOSITIONS AND METHODS FOR ALTERING THE DISULFIDE STATUS OF PROTEINS
	Atty Docket Number	5718-119 (035718-241421)

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under  
35 U.S.C. 122(b).

12/3/01

Date



Signature

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W. Murray Spruill

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202


  
Lynda-Jo Pixley